

From 7<sup>th</sup> July 1895

To 13<sup>th</sup> August "

at 3601 - 3602

at 3581 - 3608

Serials      Range Reel #3

<u>Time</u>	<u>Time</u>
94 ✓	100
188 ✓	200
283 ✓ ✓	300
379 ✓ ✓	400
475 ✓ ✓	500
572 ✓ ✓	600
668 ✓ ✓	700
766 ✓ ✓	800
864 ✓ ✓	900
964 ✓ ✓	950
989 ✓ ✓	975
963 ✓ ✓	1000

Next Hyd # 3581-

Next Dr # 3601-

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1109  
307.

57° 23' N. 178° 14' W.

No. 3581 Reel Date July 7 1895  
Machine. Reel. 700y

Turns 1945 Cor. + 114 Depth 2059 fms

Shot or lead 60 lb

Bottom gn M.

Bottom temperature 35.2

No. of thermometer 66734 Cor. -

Corrected temperature 35.2

Air 41 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.17.45	8.02.32	0	Made 5' white ceiling in.	
18.30	01.59	100		
19.20	01.00	200		
20.10	0.00.00	300		
21.00	59.00	400		
21.55	58.00	500		
22.50	57.00	600		
23.53	56.00	700		
24.58	55.00	800		
25.55	54.00	900		
27.00	52.45	1000		
28.03	51.45	1100		
29.15	50.40	1200		
30.30	49.30	1300		
31.45	48.30	1400		
33.00	47.18.00	1500		
34.15	46.15	1600		
35.45	45.10	1700		
37.20	43.50	1800		
38.00	42.15	1900		
7.39.45	7-41.15	1945		
		2000		
		2100		
		2200		
		2300		
		2400		

Log 61.6

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4169

158

1945

44

2224

114

1945

2059

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

411  
 507 *S.R.D.* *57° 13' N 177° 07' W.*

No. *3582 Hyd.* Date *July 8 1895*  
*Sigsbee* Machine. Reel. *Navy #2*  
 Turns. *1882* Cor. + *112* Depth *1994 fms.*  
 Shot or lead *60 lb*  
 Bottom *gn M.*  
 Bottom temperature *35.1*  
 No. of thermometer *66734* Cor. —  
 Corrected temperature *35.1*  
 Air *41* Surface *41* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
Down.	Up.		Down.	Up.
<i>12.25.50</i>	<i>1.11.25</i>	0	<i>Made - Underhole reeling in</i>	
<i>26.50</i>	<i>10.46</i>	100		
<i>27.49</i>	<i>09.27</i>	200		
<i>28.48</i>	<i>08.28</i>	300		
<i>29.47</i>	<i>07.28</i>	400		
<i>30.46</i>	<i>06.27</i>	500		
<i>31.45</i>	<i>05.26</i>	600		
<i>32.44</i>	<i>04.26</i>	700		
<i>33.43</i>	<i>03.26</i>	800		
<i>34.44</i>	<i>02.25</i>	900		
<i>35.46</i>	<i>01.25</i>	1000		
<i>36.47</i>	<i>1.00.25</i>	1100		
<i>37.48</i>	<i>59.27</i>	1200		
<i>38.49</i>	<i>58.25</i>	1300		
<i>39.50</i>	<i>57.10</i>	1400		
<i>40.55</i>	<i>56.44</i>	1500		
<i>42.20</i>	<i>55.40</i>	1600		
<i>43.50</i>	<i>54.36</i>	1700		
<i>45.25</i>	<i>53.35</i>	1800		
<i>46.50</i>	<i>12.48.55</i>	1882		
		1900	<i>Plog. 01.6.</i>	
		2000		
		2100		
		2200		
		2300		
		2400		

OK

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4169	158
	3400	1885	46
	3500	<u>2287</u>	<u>112</u>
	3600		1882
	3700		<u>1994</u>
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



42. <sup>507.</sup> H. 57° 03' N. 176° 00' W.

No. 3583 Hyd Date July 8, 1895.

Sigsbee Machine. Reel. Navy #2

Turns 1699 Cor. + 104 Depth 1803 fms

Shot or lead 60 lbs

Bottom gn M fine S.

Bottom temperature 35.0

No. of thermometer 66734 Cor. —

Corrected temperature 35.0

Air 41 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.		UP.	TURNS.	DOWN.		UP.
A.M.		A.M.				
5	22 05	59 45	0			
	22 55	58 32	100			
	23 45	57 35	200			
	24 30	56 40	300			
	25 25	55 50	400			
	26 20	54 50	500			
	27 15	53 50	600			
	28 15	52 50	700			
	29 15	51 50	800			
	30 20	50 50	900			
	31 25	49 50	1000			
	32 35	48 50	1100			
	33 45	47 40	1200			
	34 55	46 20	1300			
	36 05	45 05	1400			
	37 15	44 55	1500			
	38 30	42 45	1600			
	39 45	5.41.25	1699			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			

812

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

14169

158

1699

54

2470

184

1699

1803

40

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

43.7  
 56° 54' 10" 174° 50' 10"

No. 1151 Date  
 Machine. Reel.  
 Turns 1720 Cor. + 105 Depth 1825 fms.  
 Shot or lead 60 lb.  
 Bottom No spec  
 Bottom temperature 35.0  
 No. of thermometer 66734 Cor. —  
 Corrected temperature 35.0  
 Air 42 Surface 42 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.11.00	24.00	0		
11.11.15	23.50	100		
11.11.30	24.25	200		
11.11.45	24.20	300		
11.12.00	24.10	400		
11.12.15	24.00	500		
11.12.30	23.10	600		
11.12.45	23.20	700		
11.13.00	23.50	800		
11.13.15	23.40	900		
11.13.30	23.50	1000		
11.13.45	24.00	1100		
11.14.00	24.10	1200		
11.14.15	24.20	1300		
11.14.30	24.30	1400		
11.14.45	24.40	1500		
11.15.00	24.50	1600		
26.30	28.30	1700		
10.26.55	10.27.00	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

	2500	4160	155
	2600	1726	5
	2700	<u>2449</u>	<u>1726</u>
	2800		8
	2900		
	3000		
	3100	4160	155
	3200	1726	5
	3300	<u>2447</u>	<u>165</u>
	3400		1726
	3500		<u>1525</u>
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2585 Date July 31, 1895  
Machine. Reel. Navy #2  
Turns 377 Cor. + 29 Depth 406 fms  
Shot or lead 35 lbs.  
Bottom gn. M. fine. S.  
Bottom temperature 37.5  
No. of thermometer 6665 Cor.  
Corrected temperature  
Air 46 Surface 44 Drift  
Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
10. 16. 15	25-10	0
17. 05	24. 05	100
18. 05	23-20	200
19. 15	22-35	300
20. 10	20. 20-40	377
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

Red. 517

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	4169 107
	3600	377 127
	3700	3782 27
	3800	377
	3900	406
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. \_\_\_\_\_ Date *July 21, 1895*  
*Tanner* Machine. Reel. *Nov #2*  
 Turns *536* Cor. + *39* Depth *575 fms*  
~~Shot or lead~~ *26* *35 lb shot*  
 Bottom. *gn M bk S*  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air \_\_\_\_\_ Surface \_\_\_\_\_ Drift \_\_\_\_\_  
 Trawl or dredge *Sigsbee machine*

SOUNDING WIRE.		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
<i>0.11</i>			<i>am</i>	<i>am</i>
<i>10 51.20</i>		0	<i>11.01.50</i>	<i>14.30</i>
<i>53.00</i>		100	<i>02.35</i>	<i>13.15</i>
<i>54.10</i>		200	<i>03.30</i>	<i>12.20</i>
<i>55.30</i>		300	<i>04.45</i>	<i>11.25</i>
<i>56.10</i>		400	<i>06.05</i>	<i>10.35</i>
<i>57.35</i>		500	<i>07.25</i>	<i>09.45</i>
		600	<i>08.45</i>	<i>11.09.25</i>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*7.10.21*  
*Dec 62.7*

	2500		
	2600		
	2700		
	2800		
	2900		
	3000	4104	155
	3100	556	119
	3200	3635	39
	3300		536
	3400		575
	3500		
	3600	5713	12
	3700		
	3800		
	3900		
	4000		

### SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS:

Ran out 500 fms. in 10 min. 10 sec. time  
without getting bottom.



No. \_\_\_\_\_

Date *July 31, 1880**Sigsbee* Machine.

Reel.

Turns *665* Cor. + *17*Depth *712 fms*Shot or lead *35 lbs*Bottom *gn M*

Bottom temperature \_\_\_\_\_

No. of thermometer \_\_\_\_\_

Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air \_\_\_\_\_

Surface \_\_\_\_\_

Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.
<i>11 40 20</i>	<i>55 50</i>	0
<i>41 15</i>	<i>54 30</i>	100
<i>42 57</i>	<i>53 35</i>	200
<i>43 10</i>	<i>52 35</i>	300
<i>44 10</i>	<i>51 45</i>	400
<i>45 30</i>	<i>50 50</i>	500
<i>46 30</i>	<i>49 50</i>	600
<i>47 00</i>	<i>11 49 10</i>	700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	4 21	158
	3300	665	111
	3400	3504	27
	3500		665
	3600		712
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

S.P.C.  
507.

No. \_\_\_\_\_ Date *June 21 1885*  
*Sigsbee* Machine. Reel. *Clay*  
 Turns *317* Cor. + *28* Depth *345 fath.*  
 Shot or lead *35 lb.*  
 Bottom *gy M. S.*  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air *48* Surface *45* Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>17 15.15</i>	<i>45 12</i>	0		
<i>17 15.30</i>	<i>45 00</i>	100		
<i>17 15.45</i>	<i>44 45</i>	200		
<i>17 16.00</i>	<i>44 30</i>	300		
<i>17 16.15</i>	<i>44 15</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4169	158
	3400	352	130
	3500	3817	78
	3600		
	3700		380
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns 51 Cor. + 1

Depth 52 fms.

Shot or lead 26

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 48 Surface 45 Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1.05.00

04.04

0

51

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	<i>57</i>
	3600	<i>16</i>
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.        Date July 31 1895

Steamer        Machine        Reel 0

Turns 47 Cor. + 2 Depth 49 fms

Shot or lead 36 lbs.

Bottom gy. S. & brn Sh.

Bottom temperature

No. of thermometer        Cor.       

Corrected temperature

Air        Surface        Drift       

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1 12 55</u>	<u>14. 58.</u>	0		
<u>14 05</u>	<u>1. 14. 15</u>	47		
		<del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*July 31 1895*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	54.5
	3200	49
	3300	47.6
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. \_\_\_\_\_ Date *July 31 1895*  
*Tanner* Machine. Reel. *0*  
 Turns *46* Cor. + *2* Depth *48 fms*  
 Shot or lead *36 lb*  
 Bottom *gy. S. & bk. Sp.*  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air \_\_\_\_\_ Surface *45* Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1:22.55</i>	<i>24.18.</i>	0		
<i>1:23.25</i>	<i>1:22.35</i>	<i>46</i>		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507 *Pro*

No. \_\_\_\_\_ Date *July 2, 1895*  
*Chain* Machine. Reel.  
 Turns *72* Cor. + *3* Depth *75 fms.*  
 Shot or lead *26 lb*  
 Bottom *gy S. & br Sp.*  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air \_\_\_\_\_ Surface *45* Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.30.00</i>	<i>4.45</i>	0		
<i>1.31.10</i>	<i>1.45.5</i>	<i>72</i>		
		<del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

540  
12  
—  
471

10  
9  
—  
5

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. \_\_\_\_\_ Date *July 31 1895*  
*Chamber* Machine. Reel.  
 Turns *106* Cor. + *5* Depth *111 fms*  
 Shot or lead *36 lb*  
 Bottom *fine brgy S.*  
 Bottom temperature  
 No. of thermometer Cor.  
 Corrected temperature  
 Air Surface *45* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1. 55.10</i>	<i>5.45</i>	0		
<i>56.00</i>	<i>5.44</i>	100		
<i>56.40</i>	<i>1. 56.40</i>	<i>106</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

546  
105  
—  
—

12  
7  
—

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. \_\_\_\_\_ Date *July 31 1895*  
*Chance* Machine. Reel.  
 Turns *84* Cor. + *4* Depth *88 fms*  
 Shot or lead *36 lb*  
 Bottom *1. gy. gy. s. gy. l.*  
 Bottom temperature  
 No. of thermometer Cor.  
 Corrected temperature  
 Air \_\_\_\_\_ Surface Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2 41.50</i>	<i>4 1.00</i>	0		
<i>42.50</i>	<i>2 43.00</i>	84		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*52.7 77.7*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. \_\_\_\_\_ Date *July 31 1895*  
*Shannon* Machine. Reel.  
 Turns *50* Cor. + *2* Depth *52 fms*  
 Shot or lead \_\_\_\_\_  
 Bottom *fine gy. S.*  
 Bottom temperature \_\_\_\_\_  
 No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_  
 Corrected temperature \_\_\_\_\_  
 Air \_\_\_\_\_ Surface *45* Drift \_\_\_\_\_  
 Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7:50</i>	<i>10:20</i>	0		
<i>1:00</i>	<i>9:40</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*Total*  
*10*  

---

*445*

*15*  
*10*  
*5*

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

13897. 166° 29' W.

No. 140 Date Aug. 4 1905

Machine. Reel.

Turns 73 Cor. + 2 Depth 76 fms

Shot or lead 26 lb.

Bottom gn. m. s.

Bottom temperature 39.2

No. of thermometer 66665 Cor. -

Corrected temperature 39.2

Air 16 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
12.40		0		
12.41		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

sk		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	548 12
		3200	<del>548</del>
		3300	470 12
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 01.5' N: 166° 20.5' W.

No. *118* Date *Aug 14 1904*  
 Machine. Reel.  
 Turns *94* Cor. + *1* Depth *95 fms*  
 Shot or lead *26 lb*  
 Bottom *fine g. s. & f. sp.*  
 Bottom temperature *38.8*  
 No. of thermometer *6666* Cor. —  
 Corrected temperature *38.8*  
 Air *46* Surface *43* Drift  
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>7.25.00</i>	<i>7.25.10</i>	0		
<i>7.25.10</i>	<i>7.25.50</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	52.5
	3400	53.0
	3500	52.5
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *100* Date *Aug 2 1885*  
*Samuel* Machine. Reel.  
 Turns *89* Cor. + *4* Depth *93 fms*  
 Shot or lead *26 lb*  
 Bottom *gy s. m.*  
 Bottom temperature *—*  
 No. of thermometer *—* Cor. *—*  
 Corrected temperature *—*  
 Air *46* Surface *45* Drift *—*  
 Trawl or dredge *—*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>8 05 25</i>	<i>04.00</i>	0		
<i>05 30</i>	<i>8 05 35</i>	<i>89</i> <del>100</del>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	5-4-3	1-2
	3500	89	8
	3600	454	4
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



720.5 M. 16920.56

No. 258 Date Aug 4 1895

Machine.

Reel.

Turns 940 Cor. + 63

Depth 1003 fms

Shot or lead 35 lb.

Bottom fm. M. & S.

Bottom temperature 35.5

No. of thermometer 66665

Cor. -

Corrected temperature 35.5

Air 45 Surface 45

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9.22.45	35.37	0		
30.00	34.36	100		
1.00.00	33.35	200		
1.01.00	32.34	300		
1.02.00	31.33	400		
1.03.00	30.32	500		
1.04.00	29.31	600		
1.05.00	28.30	700		
1.06.00	27.29	800		
1.07.00	26.28	900		
1.08.00	25.27	940		
1.09.00	24.26	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Dredge & netting

Dredge & netting

OK

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

416.7 11.7  
940 45  
3229 60  
940  
100.3

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surf (5' - 10')			—	46
5' - 25'			—	
5' - 50'	45.5	62578	-0.2	45.3
10' - 100'	45.5	62578	—	45
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

24° 21' N. 169° 31' W.

No. *1410* Date *Aug 15 1880*  
 Machine. *Sigsbee* Reel. *1*  
 Turns *1400* Cor. + *91* Depth *1491 fms*  
 Shot or lead *35 lb.*  
 Bottom *gn. M.*  
 Bottom temperature *35.5*  
 No. of thermometer *6665* Cor. *-*  
 Corrected temperature *35.5*  
 Air *42* Surface *41* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.25.30</i>	<i>2.12.15</i>	0		
<i>26.30</i>	<i>11.00</i>	100		
<i>27.40</i>	<i>10.10</i>	200		
<i>28.50</i>	<i>09.00</i>	300		
<i>30.00</i>	<i>08.00</i>	400		
<i>31.45</i>	<i>06.50</i>	500		
<i>32.30</i>	<i>05.45</i>	600		
<i>33.30</i>	<i>04.35</i>	700		
<i>34.30</i>	<i>03.15</i>	800		
<i>10.00</i>	<i>02.15</i>	900		
<i>11.00</i>	<i>01.20</i>	1000		
<i>12.00</i>	<i>00.20</i>	1100		
<i>13.00</i>	<i>59.40</i>	1200		
<i>14.00</i>	<i>58.30</i>	1300		
<i>1.25.30</i>	<i>1.57.30</i>	<i>1400</i>		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Make it ready in

OK	2500	
	2600	
	2700	
	2800	
	2900	
	3000	2160
	3100	1240
	3200	2169
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

105  
 67  
 91  
 1400  
 1411

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45
5-50	45	6235-8	-0.2	44.8
10-100	44.5	65500	—	44.5
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3591 Date Aug 5, 1885.

Machine. Reel.

Turns 1577 Cor. + 99 Depth 1676

Shot or lead 35 lbs

Bottom gy. M. fine S.

Bottom temperature 35.0

No. of thermometer 6665 Cor. —

Corrected temperature 35.0

Air 41.6 Surface 45 Drift

Trawl or dredge

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
34 70	15.15	0		
35 45	12.25	100		
36 11	13.25	200		
37 0	12.25	300		
38 20	11.30	400		
39 45	10.30	500		
40 15	09.30	600		
41 35	08.25	700		
42 05	07.15	800		
43 40	06.00	900		
44 10	04.40	1000		
45 20	03.30	1100		
46 15	02.20	1200		
47 35	01.10	1300		
48 05	00.05	1400		
49 45	59.00	1500		
50 15	57.10	1577		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

12160      105  
1577      50  
2572      1576

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surf	45	—	—	45
5 25	45	150	—	45
10 50	45	150	-0.2	42.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

12552 1690817

No. 3601 Date August 5 90

Machine. Reel.

Turns 979 Cor. + 65 Depth 1044 fm

Shot or lead 60 lb.

Bottom gy. m. s. f. m. s.

Bottom temperature 35.8

No. of thermometer 66665 Cor. —

Corrected temperature 35.8

Air 40 Surface 46 Drift

Trawl or dredge Agassiz

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.00.15

2.53

0

1.07.00 1.00.15

01.16

17.00

100

12.10 47.00

18.00

200

1-17.00 1.43.30

19.00

300

20.00

400

21.00

500

22.00

600

23.00

700

24.00

800

25.00

900

26.00

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Specimen for analysis - Agassiz

AX 1-17.00 1.37.30  
AX 1.37.30 1.43.30  
AX 2.00 1.43.30

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

4.54  
0.77  
5.31

$$\begin{array}{r} 100 \\ 20 \\ \hline 60 \\ 90 \\ \hline 150 \end{array}$$

of the ... ..  
of the ... ..  
of the ... ..  
of the ... ..  
of the ... ..  
of the ... ..





	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 feet	46		—	46
50	45.5		—	45.5
100	44.3		-0.2	44.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS:

3 Meters, 3 1/2 fathoms, 3 1/2 fathoms.  
 11 fathoms; 12 fathoms; 1 1/2 fathoms;  
 1 1/2 fathoms and 1 1/2 fathoms; 1 1/2 fathoms;  
 1 1/2 fathoms; 6 fathoms (1 1/2 fathoms)  
 Bottom: mud and sand

No. 5592 Date Aug. 5, 1895  
 Machine. Reel. No. 2  
 Turns 970 Cor. + 65 Depth 1035 fms  
 Shot or lead 35 lbs.  
 Bottom br. gy.  
 Bottom temperature 35.5  
 No. of thermometer 70522 Cor. - 0.3  
 Corrected temperature 35.2  
 Air 46 Surface 44 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6 50	43.20	0		
21 45	42.20	100		
22 45	41.05	200		
23 45	40.10	300		
24 45	39.12	400		
25 45	38.15	500		
27 20	37.20	600		
28 15	36.30	700		
29 15	35.35	800		
31 15	34.35	900		
32 15	33.55	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

12109 155  
970 93  
3149 65  
970  
1035

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface	45		—	45.0
5	44.5	68902	—	44.5
10	44	68905	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *192* Date *Aug 5 1895*  
*Sigsbee* Machine. Reel. *Wary #2*  
 Turns *1294* Cor. + *81* Depth *1310 fms*  
 Shot or lead *35 lb*  
 Bottom *br oz*  
 Bottom temperature *35.0*  
 No. of thermometer *78521* Cor. *-0.3*  
 Corrected temperature *34.7*  
 Air *46* Surface *45* Drift  
 Trawl or dredge *b*

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
Down.	Up.		Down.	Up.
<i>11.45.30</i>	<i>27.10</i>	0		
<i>47.00</i>	<i>25.13</i>	100		
<i>48.00</i>	<i>25.14</i>	200		
<i>49.00</i>	<i>24.15</i>	300		
<i>50.00</i>	<i>23.15</i>	400		
<i>51.46</i>	<i>22.14</i>	500		
<i>52.50</i>	<i>21.12</i>	600		
<i>53.50</i>	<i>20.10</i>	700		
<i>55.15</i>	<i>18.57</i>	800		
<i>57.45</i>	<i>17.45</i>	900		
<i>12.00.40</i>	<i>16.30</i>	1000		
<i>58.08</i>	<i>15.15</i>	1100		
<i>10.48</i>	<i>14.05</i>	1200		
<i>11.40</i>	<i>12.13.30</i>	<i>1234</i> 1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

4160  
1234  
2935  
128  
77  
81  
1234  
1315

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surf	45		—	45
5 fms	45	60105	-0.2	44.8
10	45	60102	—	44.
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

At 11:50 AM when 9th therm were out  
wire slipped reel.  
Commenced reeling <sup>out</sup> again at 12:50

55° 36' N. 170° 45' W.

No. 17 Date Oct 7 1897  
Machine. Reel.

Turns Cor. + Depth  
Shot or lead  
Bottom  
Bottom temperature  
No. of thermometer Cor.  
Corrected temperature  
Air 45 Surface 44 Drift  
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	11.14.00	11.56.05
		100	11.21.50	11.50.10
		200	11.29.50	11.47.15
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Towed intermediate net at 1000 fms -

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Surface	44		—	44
5-25	44	63902	—	44
10-50	44	63903	-0.2	43.3
100-100	44	63919	-0.1	37.4
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surface temp. 44.0. Surface current  
+ Sargassum.  
100 fms. 44.0. 100 fms. 44.0.  
100 fms. 44.0. 100 fms. 44.0.  
100 fms. 44.0. 100 fms. 44.0.  
100 fms. 44.0. 100 fms. 44.0.



10 107. 510 11: 170° 51'

No. 5594 Date *Aug 11 1881*  
 Machine. Reel.  
 Turns 535 Cor. + Depth 535  
 Shot or lead 60 lb  
 Bottom *br oz*  
 Bottom temperature 35.0  
 No. of thermometer Cor. - 0.3  
 Corrected temperature 34.7  
 Air 45 Surface 42 Drift  
 Trawl or dredge *Beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.20.15		0	7.57.15	
	55.30	100	12.00	7.25
	54.40	200	17.00	7.10
	53.50	300		
	53.00	400		
24.15	52.10	500		
25.50	51.15	600		
26.55	50.17	700		
28.15	49.20	800		
29.15	48.20	900		
30.15	47.15	1000		
31.50	46.15	1100		
32.15	45.00	1200		
33.15	44.00	1300		
34.15	43.00	1400		
35.15	42.00	1500		
39.00	5.40.20	1565		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Lower 150 fms.  
 Crusts 50 fms.  
 to 100 fms.*

*13.38*

*20.2*

*55° 11' - 171° 13'*

pk			2500	
			2600	
			2700	
			2800	
			2900	
			3000	
			3100	
			3200	
			3300	
			3400	
4163	105		3500	
1565	57		3600	
2600	90		3700	
	1565		3800	45
5ft. 45			3900	45
5ft. 45	63902		4000	43.8
10 " 14	61.358			

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	36.2	785	-0.4	37.8
50	37.0	62364	+0.1	37.2
100	37.1	66665	—	37.1
200	38.5	63919	+0.1	38.6
300	38.3	69480	+0.1	38.1
400	38.1	61596	+0.2	38.3
500	37.8	66724	—	37.8
600	37.0	66724	+0.1	37.1
700	37.0	78511	-0.3	36.7
800	36.1	78511	-0.2	35.9
900	36.1	62364	—	36.7
1000	35.7	78522	-0.2	35.5

# REMARKS:

Shed lines four miles. No. 1000. 4000.

1019.14. Electric light. Abundance of small Crustacea & Siphonopores.

No. *3595 Hyd* Date *Aug 8 1895*  
*Sigsbee* Machine. Reel. *Heavy #2*  
 Turns *1714* Cor. + *105* Depth *1819 fms.*  
 Shot or lead *60 lb*  
 Bottom *h o*  
 Bottom temperature *35.5*  
 No. of thermometer *78322* Cor. *-0.2*  
 Corrected temperature *35.2*  
 Air *44* Surface *45* Drift  
 Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*12.55**10.15*

0

*12.55**09.00*

100

*12.55**08.15*

200

*12.55**07.45*

300

*12.55**07.15*

400

*12.55**06.45*

500

*12.55**06.15*

600

*12.55**05.45*

700

*12.55**05.15*

800

*12.55**04.45*

900

*12.55**04.15*

1000

*12.55**03.45*

1100

*12.55**03.15*

1200

*12.55**02.45*

1300

*12.55**02.15*

1400

*12.55**01.45*

1500

*12.55**01.15*

1600

*12.55**00.45*

1700

*12.55**00.15*

1800

*12.55**00.00*

1900

*12.55**00.00*

2000

*12.55**00.00*

2100

*12.55**00.00*

2200

*12.55**00.00*

2300

*12.55**00.00*

2400

*12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00**12.55**00.00*

OK ✓

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	4160
	3400	1714
	3500	<u>2455</u>
	3600	
	3700	158
	3800	55
	3900	<u>195</u>
	4000	1714

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft 25	45	—	—	45
5 ft 36	45	65902	—	45
10 100	44	65358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

17 53° 31' N 172° 17' W

No. 5 Date Jan 5 1900  
Machine. Reel.

Turns 1793 Cor. + 108 Depth 1901 fms

Shot or lead 60 lb.

Bottom gy. 35.8

Bottom temperature

No. of thermometer 3555 Cor. -0.3

Corrected temperature

Air 43 Surface 43 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.21.30	5.40.10	0		
52.00	02.15	100		
20.10	02.60	200		
21.40	01.15	300		
22.10	00.30	400		
23.10	59.45	500		
24.10	59.00	600		
25.10	58.05	700		
26.10	57.10	800		
27.10	56.05	900		
28.10	55.05	1000		
29.10	54.05	1100		
30.10	53.05	1200		
31.10	52.00	1300		
32.10	51.00	1400		
33.10	50.00	1500		
34.10	48.20	1600		
212.30	117.30	1700		
5.44.00	6.46.10	1793		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

24.60 1.7  
17.93 5.6  
23.76 10.8  
17.93  
1.801

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft	45		—	45.
50 ft	44.5	62902	—	44.5
100	44	62956	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS:

Steel jacket ...  
... first ...  
... by hand.  
L. J. H.

55° 53' N. 171° 40' W.

No. *H9 Int* Date *Aug 8, 1895*

Machine. Reel,

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge *Longline*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>10.00.00</i>	<i>59.45</i>
		100	<i>10.30</i>	<i>56.10</i>
		200	<i>11.00</i>	<i>52.30</i>
		300		
		400		
		500	<i>11.30</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
575	45	—	—	45
575	44.5	62356	0.2	44.3
1000	44	63702	—	44
200	37.3	63704	40.1	37.4
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS:

Intermediate net -  
 Numerous small Crustacea  
 & Sagitta -  
 Surface net, 10 feet deep -  
 Very few crustaceans - Sagitta -



507.

55° 44' N 171° 17' W

No. 50. *Shot*

Date Aug 8 '89.

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

*Commons Sigsbee*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	5.08.50.	41.40
		100	14.50.	5.35.30.
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 fms	45	—	—	45
5 fms	44.5	65912	—	44.5
10 100	44	65917	-0.2	43.8
100	37.6	65915	-0.1	37.7
300				
400				
500				
600	Sulfur test. 20 feet deep - 10 small pieces. fine crystals + fine glass -			
700				
800				
900				
1000				

REMARKS:

Ended at 100 fms.

2 small pieces. Sulfur. Sulfur  
crystals.

13.1 *H* 55° 15' N. 172° 30' W.

No. *3159* Date *Aug 2 1881*  
 Machine. Reel.  
 Turns *119* Cor. + *38* Depth *157 fms*  
 Shot or lead *60 lbs*  
 Bottom *gy. s. & sh.*  
 Bottom temperature *36°*  
 No. of thermometer Cor. —  
 Corrected temperature *36.0*  
 Air *46* Surface *45* Drift  
 Trawl or dredge *Townsend - but not*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>1.05.00</i>	<i>31.00</i>	0	<i>1.10.00</i>	<i>29.00</i>
<i>1.10.10</i>	<i>30.10</i>	<i>100</i>	<i>1.11.00</i>	<i>28.00</i>
<i>1.11.20</i>	<i>29.15</i>	200		
<i>1.12.30</i>	<i>28.20</i>	300		
<i>1.13.40</i>	<i>27.30</i>	400		
<i>1.14.50</i>	<i>26.40</i>	500		
<i>1.16.00</i>	<i>25.50</i>	600		
<i>1.17.10</i>	<i>25.00</i>	700		
<i>1.18.20</i>	<i>24.05</i>	800		
<i>1.19.30</i>	<i>23.10</i>	900		
<i>1.20.40</i>	<i>22.15</i>	1000		
<i>1.21.50</i>	<i>21.00</i>	1100		
<i>1.23.00</i>	<i>19.45</i>	<i>119</i>		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Office and wire 1.12.20.6*  
*Measurements made in 100 sec.*



*SPS.*

56° 13' N. 172° 20' W.

No. *52 Int.*

Date *Aug 10 1895*

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

*Beam trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3 a. S. C. ...</i>	<i>... 10 min ...</i>	0	<i>4.24.10</i>	<i>4.51.30</i>
		75		
		100	<i>31.40</i>	<i>4.52.20</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Handwritten notes in right margin:*  
*4.33.30*  
*4.18.40*  
*4.53.20*

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ft 25	45	—	—	45
5 ft 50	45	6341.2	—	45
100	44.5	6341.7	-0.2	44.3
200	OA	6341.7	-0.2	44.3
300				
400	56	13131.15	—	56.5 ft
5 ft 500	45	—	—	45
5 ft 600	44.5	6340.2	—	44.5
10 ft 700	44	6335.7	-0.2	43.8
800				
900				
1000				

REMARKS:

*Samolus virginicus*  
Several specimens examined  
plentifully sagittate

No. 355 Date 10/10/05  
 Machine. Reel, 2  
 Turns 75 Cor. + 21 Depth 296 fms  
 Shot or lead 35 lb.  
 Bottom fine 116 ft 8 in  
 Bottom temperature 38.0  
 No. of thermometer 69450 Cor. + 0.1  
 Corrected temperature 38.1  
 Air 43 Surface 44 Drift  
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

275

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

OK

2500		
2600		
2700		
2800		
2900		
3000		
3100	450	58
3200	275	137
3300	55	21
3400		275
3500		200
3600		
3700		
3800		
3900		
4000		

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
51 25	45	—	—	45
51 50	44	62 512	—	44
101 100	43.5	62 558	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



15. *S* 26° 29' N. 172° 39' W.

No. 3549 Date *July 16* 95  
*Sigsbee* Machine. Reel. *Star* 42  
 Turns *185* Cor. + *15* Depth *200 fms*  
 Shot or lead  
 Bottom *gy. sh.*  
 Bottom temperature  
 No. of thermometer *69480* Cor. + *0.1*  
 Corrected temperature *38.1*  
 Air *46* Surface *46* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.34.20</i>	<i>8.37.20</i>	0		
<i>26.45</i>		100		
<i>27.30</i>	<i>8.38.00</i>	<i>185</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	4160	158
	3200	185	143
	3300	3084	15
	3400		185
	3500		200
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 fms	45	—	—	45
5 fms	44	63902	—	44
10 100	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56° 30' N. 172° 40' W.

No. 500 Date Aug 10 95  
 Machine. Reel.  
 Turns 145 Cor. + 11 Depth 156 fms  
 Shot or lead 26 lbs.  
 Bottom gy. s. m. b. s.  
 Bottom temperature 37.1  
 No. of thermometer 1000 Cor. + 0.1  
 Corrected temperature 37.1  
 Air 45 Surface 45 Drift  
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5:44.45	8:51.00	0		
54.00	56.00	100		
54.30	55.00	145		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

4169	158
145	147
<u>4324</u>	<u>11</u>
	145
	<u>156</u>

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	62358	-0.2	43.8
100	43.5	63702	—	43.5
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56°31'N 172°40'W

No. 3601 Rpt Date Dec 16 '95

Machine. Reel. No 1100

Turns 102 Cor. + 5 Depth 110 fms

Shot or lead 26 lb

Bottom gy S. M. S.

Bottom temperature

No. of thermometer 67480 Cor. +0.1

Corrected temperature 37.1

Air 45 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.19.25	1.23.00	0		
20.25	22.30	100		
20.28	20.30	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	4150	158
	3200	1012	150
	3300	4007	152
	3400		110
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	63902	—	44.0
100	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

16 8, 16° 32' N : 172° 40' W.  
 No. 121 Date Aug 15 1895  
 Machine. Reel.  
 Turns 76 Cor. + 0 Depth 86 fms.  
 Shot or lead 26 lbs.  
 Bottom gy. m. bk. s. sh.  
 Bottom temperature 37.0  
 No. of thermometer 694160 Cor. + 0.1  
 Corrected temperature 37.1  
 Air 105 Surface 90 Drift  
 Trawl or dredge Orange Brand

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.52.30	4.14.00	0	9.54.30	30.00
12.53.00	4.14.20	100	9.55.15	25.30
—	—	200	10.00.00	20.16
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	416.4
	3200	416
	3300	415.3
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

107  
53  
23  
27

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	62358	-0.2	43.8
100	43.5	63902	—	43.5
200				
300				
400				
500				
600				
700				
800				
900				
1000				

*Invertebrates*  
 1 spec. Small *Trilobites*, 2 spec. *Trilobites*  
 Shells, 6 spec. *Stromatolites*, 3 or 4 spec. *Ophiuroids*  
 5 or 6 spec. *Shrimps*, *Stomatopoda*, Many *Isopods*  
*Belemnites*, 2 spec. *Belemnites*, few  
 Small *Crabs*, many *Hermit crabs* in shells,  
 few *Amphipods*, *Starfish*

REMARKS:

20 (4) *Rich Fish* (*Schistocerca* and *Phryganea*)  
 a *Libinia* *Stomatopoda*  
 5 *Pleuropecten* *Stomatopoda*  
 1 *Ray* with 1 egg in *Stomatopoda*  
 Many small *fish* (*Algae*, *Crustacea*,  
*Cypris* larva.)



25° 53' N. 171° 42' W.

No. *100* Date *Aug 10 1880*  
 Machine. *Lucas* Reel. *2*  
 Turns *145* Cor. + *91* Depth *1496*  
 Shot or lead *35 lbs.*  
 Bottom *gy. M. S.*  
 Bottom temperature *35.0*  
 No. of thermometer *69480* Cor. *70.1*  
 Corrected temperature *35.1*  
 Air *45* Surface *44* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
26	0.53	0		
27	1.00	100		
28	1.07	200		
29	1.15	300		
30	1.22	400		
31	1.30	500		
32	1.37	600		
33	1.45	700		
34	1.52	800		
35	2.00	900		
36	2.07	1000		
37	2.15	1100		
38	2.22	1200		
39	2.30	1300		
40	2.37	1400		
41	2.45	1500		
42	2.52	1600		
43	3.00	1700		
44	3.07	1800		
45	3.15	1900		
46	3.22	2000		
47	3.30	2100		
48	3.37	2200		
49	3.45	2300		
50	3.52	2400		

Made 3 miles cable, ending in...

OK ✓

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	1455	57
	3400	276	21
	3500		106
	3600		121
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

10. 1 P.M. 507. *Int. No. 3.*  
 No. 360. Date August 11 1890  
 Machine. Reel. (Hawley)  
 Turns 1668 Cor. + 103 Depth 1771 fms.  
 Shot or lead 60 lb  
 Bottom L.G.  
 Bottom temperature 35.0  
 No. of thermometer 6900 Cor. + 0.1  
 Corrected temperature 35.1  
 Air 46 Surface 45 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.00.0	10.00	0	12.13.10	10.10.10
1.01.0	9.59	50	12.46.00	1.00.00
1.02.0	9.58	100		
1.03.0	9.57	200		
1.04.0	9.56	300		
1.05.0	9.55	400		
1.06.0	9.54	500		
1.07.0	9.53	600		
1.08.0	9.52	700		
1.09.0	9.51	800		
1.10.0	9.50	900		
1.11.0	9.49	1000		
1.12.0	9.48	1100		
1.13.0	9.47	1200		
1.14.0	9.46	1300		
1.15.0	9.45	1400		
1.16.0	9.44	1500		
1.17.0	9.43	1600		
1.18.0	9.42	1700		
	11.39.00	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*188 fms.*  
*47 fms.*  
*12.13.10*  
*1.00.00*

OK

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	4169 158
	3100	165
	3200	2501 105
	3300	1668
	3400	1771
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	38.1	6150	+0.1	38.1
50	38.4	6150	—	38.4
100	36.0	6150	—	36.0
200	38.8	6150	-0.2	38.8
300	38.4	6150	+0.1	38.4
400	38.1	6150	+0.1	38.1
500	39.5	6150	—	39.5
600	37.2	6150	+0.2	37.2
700	35.4	6150	-0.4	35.4
800	36.1	6150	+0.1	36.1
900	35.6	6150	-0.3	35.6
1000	35.3	6150	-0.4	35.3

REMARKS:

1 young ...  
 1 baby Octopus, Sagitta, ...  
 ...

507. *H. Continued*

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4.30

11.30

16.15

19.45

23.30

27.15

31.00

34.45

38.30

42.15

46.00

49.45

53.30

57.15

1.00

1.45

2.30

3.15

4.00

4.45

5.30

6.15

7.00

7.45

Section 22 seal carcasses - 20 feet. 2 seal carcasses. Small squid, small fish. Several contained pieces of pilot. Most.

		2500	41.30	41.30
		2600	41.30	41.30
		2700	41.30	41.30
		2800	41.30	41.30
		2900	1	
		3000		
		3100		
		3200		
Surface	54.56	3300	Net	10 fms
		3400	170° 16'	
5 ft.	45	3500	—	45
5 fms	44 63902	3600	—	44
10 "	44 62358	3700	-0.2	43.8
		3800		
		3900		
		4000		

#### SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.
50	44.5	62358	-0.2	44.3
100	44	63902	—	44.
200				
300	44	—	+	44.
400	44	62358	+0.2	43.8
500	44.5	63902	—	44.5
600				
700				
800				
900				
1000				

#### REMARKS:

1. ...  
 2. ...  
 3. ...  
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 96. ...  
 97. ...  
 98. ...  
 99. ...  
 100. ...

21.  
107.

54° 39' N. 170° 19' W.

No. 460 Date Oct 12 1881

Machine. Reel. 600

Turns 950 Cor. + 65 Depth 1015

Shot or lead 60 lb.

Bottom gy S

Bottom temperature 35.2

No. of thermometer 64480 Cor. + 0.1

Corrected temperature 35.3

Air 46 Surface 44 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.34.05.	56.50	0		
35.15.	55.17	100		
36.18.	54.18	200		
37.18	53.19	300		
38.19	52.20	400		
39.20.	51.21	500		
40.30	50.22	600		
41.40	49.23	700		
42.52	48.22	800		
44.02	47.23	900		
45.00	12.46.40	960		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

P. Log = 1015

OK

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	1102	158
	3400	960	93
	3500	3209	65
	3600		960
	3700		1025
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45
50	44	63902	—	44
100	43.5	62358	-0.2	43.3
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



54° 46' N. 169° 19' W.

No. 2652 Date May 12 1895  
 Machine. Reel.  
 Turns 1272 Cor. + 80 Depth 1352 fms.  
 Shot or lead 35 lbs.  
 Bottom gy. S.  
 Bottom temperature 13.5  
 No. of thermometer 1471 Cor. + 0.1  
 Corrected temperature 35.7  
 Air 45, Surface 45, Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11 29.20	5.06.20	0		
12 00	5.05.00	100		
12 30	5.03.40	200		
13 00	5.02.20	300		
13 30	5.01.00	400		
14 00	5.00.00	500		
14 30	4.59.00	600		
15 00	4.58.00	700		
15 30	4.57.00	800		
16 00	4.56.00	900		
16 30	4.55.00	1000		
17 00	4.54.00	1100		
17 30	4.53.00	1200		
18 00	4.52.00	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

1372  
1355

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45
50	45	62358	-0.2	44.8
100	44	63905	—	44.
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

13. *14* *54° 54' W. 168° 59' N.*  
 607. *Int. 10054*

No. *36* Date *Aug 17 1881*

*Machine.* *Reel.*

Turns *1315* Cor. + *86* Depth *1401 fms*

Shot on lead *35 lbs.*

Bottom *gn. Oz*

Bottom temperature *35.1*

No. of thermometer *69480* Cor. *+0.1*

Corrected temperature *35.2*

Air *46* Surface *45* Drift

Trawl or dredge *Int. Net*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>10. 06. 10</i>	<i>30 10</i>	<i>35</i>	<i>11. 42 20</i>	<i>10. 00</i>
	<i>31 10</i>	<i>100</i>	<i>12 10</i>	<i>12 15 20</i>
	<i>32 10</i>	<i>200</i>	<i>25 fms</i>	
<i>10. 10</i>	<i>33 10</i>	<i>300</i>		
	<i>34 10</i>	<i>400</i>		
	<i>35 10</i>	<i>500</i>		
	<i>36 10</i>	<i>600</i>	<i>15 min. 10 sec.</i>	
	<i>37 10</i>	<i>700</i>		
	<i>38 10</i>	<i>800</i>		
	<i>39 10</i>	<i>900</i>		
	<i>40 10</i>	<i>1000</i>	<i>15 min. 10 sec.</i>	
<i>11</i>	<i>41 10</i>	<i>1100</i>		
<i>12</i>	<i>42</i>	<i>1200</i>		
<i>13</i>	<i>43 10</i>	<i>1300</i>		
<i>14</i>	<i>10. 26 00</i>	<i>1400</i>	<i>15 min. 10 sec.</i>	
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>	<i>15 min. 10 sec.</i>	
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>	<i>15 min. 10 sec.</i>	
		<i>2300</i>		
		<i>2400</i>		





2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45
50	45	63902	—	45
100	44	67558	+0.2	43.9
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surface net. 10 p.m.

Surface net. 10 p.m. with 100 ft. line.  
4 young cod or pollack  
few small pelagic fishes  
mostly small crustaceans  
No squid, net 100 ft. with 100 ft. line

55-1' 16' 23' 72

No. 605 Hyd. Date Aug 12 1905

Machine. Reel. Trawl #2

Turns 1090 Cor. + 72 Depth 1162 111

Shot or lead 35 lb

Bottom gy. mud

Bottom temperature 35.5

No. of thermometer 62450 Cor. +0.1

Corrected temperature 35.1

Air 44 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.21.10	12.01.00	0		
52.1.0	57.45	100		
53.1.0	55.45	200		
54.1.0	57.45	300		
55.1.0	56.45	400		
56.1.0	55.45	500		
57.1.0	54.30	600		
58.1.0	53.20	700		
59.1.0	51.15	800		
40.1.0	50.00	900		
41.1.0	48.00	1000		
11.45.00	11.47.50	1090		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK ✓

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	41.5	15.8
	3200	109.0	86
	3300	307.9	1.2
	3400		1000
	3500		1162
	3600		
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—		45.
50	45	63912	0	45.
100	44	62358	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



54.54.4 - 165.13.

No. 3656 Date Aug. 13, 1895  
 Machine. Reel. Navy 42  
 Turns 1061 Cor. + 71 Depth 1132 fms  
 Shot or lead 35 lbs.  
 Bottom gn m. S.  
 Bottom temperature 35.4  
 No. of thermometer 69-11 Cor. + 0.1  
 Corrected temperature 35.5  
 Air 44 Surface 44 Drift  
 Trawl or dredge

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

1. 1. 15	10. 15	0	
2. 1. 30	12. 15	100	
3. 2. 00	11. 13	200	
4. 2. 15	10. 17	300	
5. 2. 30	09. 15	400	
6. 2. 45	08. 30	500	
7. 3. 00	07. 20	600	
8. 3. 15	06. 10	700	
9. 3. 30	05. 20	800	
10. 3. 45	04. 10	900	
11. 4. 00	03. 00	1000	
12. 4. 15	02. 10	1051	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

pk

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

215.7 15.7  
1061 87  
3108 71  
1061  
1132

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	-	-	45.0
50	44	63902	-	44.0
100	44	63902	-0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

524,4107. 168. 01 27.

No. *524* Date *August 13 1895*  
*Reigis* Machine. Reel. *May 2*  
 Turns *770* Cor. + *53* Depth *823 fms*  
 Shot or lead *35 lb.*

Bottom *gy. mod. Worm tubes.*

Bottom temperature *27.*

No. of thermometer *69480* Cor. *-0.1*

Corrected temperature *37.1*

Air *44.* Surface *45* Drift

Trawl or dredge

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>58.50</i>	<i>29.51</i>	0		
<i>59.55</i>	<i>28.27</i>	100		
<i>4.01.12</i>	<i>27.28</i>	200		
<i>02.38</i>	<i>26.29</i>	300		
<i>04.24</i>	<i>25.30</i>	400		
<i>06.32</i>	<i>24.31</i>	500		
<i>15.33</i>	<i>23.32</i>	600		
<i>18.15</i>	<i>22.30</i>	700		
<i>20.13</i>	<i>4.21.40</i>	<i>770</i> 800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	4169
	3300	770
	3400	5399
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

158  
 105  
 53  
 770  
 823

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.0
50	44	627.2	—	44.0
100	44	627.5	—	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS:

Very small specimens.

37.41 N. 168° 35'

No. *2101* Date *Aug 10 1881*  
*Sigsbee* Machine. Reel. *Range 2*  
 Turns *1052* Cor. + *70* Depth *1122*  
 Shot or lead *35 lb*  
 Bottom *fine sand*  
 Bottom temperature *35.2*  
 No. of thermometer *69480* Cor. + *0.1*  
 Corrected temperature *35.3*  
 Air *44* Surface *45* Drift  
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>6.57.48</i>	<i>7.00.00</i>	0
<i>57.02</i>	<i>00.51</i>	100
<i>58.27</i>	<i>01.32</i>	200
<i>59.52</i>	<i>02.13</i>	300
<i>41.56</i>	<i>02.54</i>	400
<i>43.21</i>	<i>03.35</i>	500
<i>44.46</i>	<i>04.16</i>	600
<i>46.11</i>	<i>04.57</i>	700
<i>47.36</i>	<i>05.38</i>	800
<i>49.01</i>	<i>06.19</i>	900
<i>50.26</i>	<i>07.00</i>	1000
<i>51.51</i>	<i>07.41</i>	1052
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

CK	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	4150	157
	3300	1052	88
	3400	3117	70
	3500		1052
	3600		1122
	3700		
	3800		
	3900		
	4000		

# SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	45	—	—	45.70
50	44	62352	—	44.0
100	44	62358	+0.2	43.8
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*No.**Date**Machine.**Reel.**Turns**Cor. +**Depth**Shot or lead**Bottom**Bottom temperature**No. of thermometer**Cor.**Corrected temperature**Air**Surface**Drift**Trawl or dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

$$\begin{array}{r}
 28006 \\
 176800 \overline{) 5280} \\
 \underline{15840} \quad 3.18 \\
 9600 \\
 \underline{15200} \\
 44000 \\
 \underline{42240} \\
 1760
 \end{array}$$



$$\begin{array}{r} 7.3. \\ 71.7. \\ \hline 35.6 \end{array}$$

$$\begin{array}{r} 73 \\ 71.73 \\ \hline 68.6 \end{array}$$

$$\begin{array}{r} 158 \\ 147 \\ \hline 11 \\ 145 \\ \hline 156 \end{array}$$

$$\begin{array}{r} 71.73 \\ 71.73 \\ \hline 142.46 \end{array}$$

12, 23 - 15"

21  
27

4702

$$\begin{array}{r}
 47 \\
 \underline{46} \\
 93 \\
 960 \\
 \underline{1-33}
 \end{array}$$

$$\begin{array}{r}
 48 \\
 \underline{46} \\
 46 \\
 \underline{42} \\
 900 \\
 \underline{1-32}
 \end{array}$$